Lake Region State College

CIS 202 Advanced Software

DATE: January 2019

INSTRUCTOR: Heidi Schneider

E-MAIL ADDRESS: HeidiM.Schneider@lrsc.edu

PHONE: 701-662-1580

OFFICE HOURS: MWF 8:30am-9am and 2pm-3:30pm; TR 10:30am-11am and 1pm-2:30pm

OFFICE #:   Room 121

COMMON COURSE NUMBER: CIS 202

COURSE NAME: Advanced Software

ROOM #: Room 128

CLASS #: 17478

SEMESTER: Spring 2019

CREDIT HOURS: 3

CLASS HOURS: TR 11:00am – 12:20pm

LAB HOURS: During class time

PREREQUISITES: CIS 104 or approval of instructor

LRSC Online Campus - Blackboard

CATALOG DESCRIPTION: In-depth study of database and spreadsheet applications. Students will learn, deploy, and manage applications. Prerequisites: CIS 104 or approval of instructor

MATERIALS OF INSTRUCTION: Students must have the textbook: *A Guide to MySQL 9E, ISBN 978-1-111-52727-3 from Course Technology.* You will be given a removable drive to use during class, but you will not be allowed to take it with you. I will also be using Blackboard for assignments and grade book.

COURSE OBJECTIVES: Learning how to find answers to specific questions dealing with databases. Terminology dealing with database design. Using SQL commands for developing tables and queries.

GENERAL EDUCATION OBJECTIVES:
I. 3. To apply knowledge gained in the educational process and use that knowledge in everyday living - *apply   knowledge to the real world*
VI. 2. To develop working knowledge of computers and computer programs and their functions - *computer literacy*
VI. 3. To apply current technologies to access and utilization of information - *application of technology*

MAJOR UNITS: Chapter 1:   Introduction to TAL Distributors, Colonial Adventure Tours and Solmaris Condominium Group
Chapter 2:   Database Design Fundamentals
Chapter 3:   Creating Tables
Chapter 4:   Single-Table Queries
Chapter 5:   Multiple-Table Queries
Chapter 6:   Updating Data
Chapter 7:   Database Administration
Chapter 8:   SQL Functions and Procedures

GRADING: A   90-100%
             B   80-89%
             C   70-79%

D	60-69%
F	BELOW 60%

Scholastic Dishonesty: Academic Integrity is intellectual honesty, responsibility, and ethical behavior in scholastic conduct from use of information to actions in a classroom. It is the guide for the "pursuit of knowledge and understanding within a community of inquiry" (American University). *Refer to Section 800.30 Student Conduct.*

STUDENT OUTCOMES/COMPETENCIES: Students will be able to correctly answer questions dealing with a variety of databases. They will also learn how to create a database using MySQL versus Microsoft Access.

ASSESSMENT TOOLS: Chapter Review Questions
                            Chapter Exercises
                            Tests
                            Project

ATTENDANCE: Students will be required to attend each class and stay for the duration. Please be courteous and be **ON TIME** for class. If the student is absent from class, that student is responsible for letting the instructor know that they will not be attending class and need to complete the assignments while they were gone. **If the student is absent for more than 6 class periods, they will be withdrawn from class (this is not consecutive absences).**

ASSIGNMENTS: Assignments are due on the date that is listed on Blackboard, unless changed by the instructor. I will accept assignments up to one week late for ½ points. Any assignments submitted over one week late will not be accepted. Most work will be done during class, so it is very important to attend each class.

TESTS: Exams and quizzes may not be made up without advance approval from the instructor.

CELL PHONE USAGE: You may have your cell phone in class, but you MUST turn it to vibrate. If you need to answer a call, please leave the room quietly to answer. ALL cell phones MUST be turned OFF during a test.

LISTENING DEVICES: **NO** listening devices (iPods, MP3 players, headphones, etc.) will be allowed in my classes at any time.

DIVISION MISSION STATEMENT:
The Career and Technical Education Division offers various specialized programs. The division frequently assesses industry trends and standards and alters curricula to ensure the quality of its programs. It is the mission of the Trade and Technical Division to provide students with current knowledge and training necessary for immediate entry into various specialties within the job market.